

DEPARTMENT OF TRANSPORTATION

ESC/OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



March 30, 2001

09-Ker-14-93.8/94.5
09-303904

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in KERN COUNTY NEAR FREEMAN FROM 0.85 km NORTH OF SOUTH JUNCTION SR 178 TO 1.5 km NORTH OF SOUTH JUNCTION SR 178.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on April 17, 2001.

This addendum is being issued to revise the Notice to Contractors and Special Provisions.

In the Special Provisions, Section 10-1.18, "AGGREGATE BASE", Section 10-1.19, "ASPHALT CONCRETE", and Section 10-1.20, "CONCRETE STRUCTURES" are added as attached.

In the Special Provisions, Section 10-1.21, "PRECAST CONCRETE BOX CULVERTS", is revised as attached.

To Proposal and Contract book holders:

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Division of Office Engineer

Attachments

10-1.18 AGGREGATE BASE

Aggregate base shall be Class 2 and shall conform to the provisions in Section 26, "Aggregate Bases," of the Standard Specifications and these special provisions.

The restriction that the amount of reclaimed material included in Class 2 aggregate base not exceed 50 percent of the total volume of the aggregate used shall not apply. Aggregate for Class 2 aggregate base may include reclaimed glass. Aggregate base incorporating reclaimed glass shall not be placed at locations where surfacing will not be placed over the aggregate base.

10-1.19 ASPHALT CONCRETE

Asphalt concrete shall be Type A and shall conform to the provisions in Section 39, "Asphalt Concrete," of the Standard Specifications and these special provisions.

The aggregate for Type A asphalt concrete shall conform to the 19 mm Maximum, Medium grading specified in Section 39-2.02, "Aggregate," of the Standard Specifications.

10-1.20 CONCRETE STRUCTURES

Portland cement concrete structures shall conform to the provisions in Section 51, "Concrete Structures," of the Standard Specifications and these special provisions.

10-1.21 PRECAST CONCRETE BOX CULVERTS

PRECAST CONCRETE BOX CULVERTS

If the Contractor elects to use the "Precast Concrete Box Culvert" alternative where permitted on the plans, the precast concrete box culvert shall conform to the details shown on the plans and the following:

- A. Earthwork, including sand bedding, shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications.
- B. Reinforcement shall conform to the requirements in welded wire fabric of ASTM Designation: A 185 or A 497, at the Contractor's option.
- C. A Certificate of Compliance conforming to the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications shall be provided to the Engineer for each precast member shipment. The certificate shall be signed by the manufacturer's quality control representative and shall state that all materials and workmanship comply in all respects with the specification requirements and all approved submittals.
- D. The dry cast method of construction will be permitted when designated on the working drawings. When the dry cast method is used, the results shall be equal in all respects to those obtained by conformance with the provisions in Section 51 and adequate arrangements shall be made and carried out for curing, finishing and protecting the concrete. External vibrators shall be used and the forms shall be sufficiently rigid to resist displacement or damage. The dry casting forms may be removed at any time after consolidating the concrete providing no slumping of the concrete occurs.
- E. Working drawings shall be submitted to the Engineer for approval in conformance with the provisions in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. Working drawings shall show the construction method, precast unit dimensions, configuration of the reinforcement (including splice type and location), and height of earth cover.
- F. Concrete for precast units shall be sampled and tested by the precast manufacturer for compressive strength at least once every production shift and not less often than once daily. Test result records shall be available to the Engineer at all times during regular work shifts.
- G. Each precast unit shall be clearly marked by indentation, waterproof paint, or other approved means. Markings shall include the State contract number, date of manufacture, name or trademark of the manufacturer, and design earth cover. Each precast unit shall be clearly marked by indentation on either the inner or outer surface during the process of manufacture so that the location of the top will be evident immediately after the forms are stripped. In addition, the word "top" shall be lettered with waterproof paint on the inside and outside surfaces of the top of each precast unit.
- H. Manufacturing tolerances for precast concrete box culvert sections shall conform to the requirements in Section 11, "Permissible Variations," of AASHTO Specification: M 259M.
- I. The ends of the precast members shall be so formed that the sections can be laid together to make a continuous line of box sections with a smooth interior free of appreciable irregularities in the flow line.
- J. Handling devices or holes will be permitted in each member for the purpose of handling and laying. Cored and handling holes shall be plugged and sealed so the members meet all the requirements in the specification.
- K. Splices in circumferential reinforcement shall be made by lapping. Welded connections at splices for the outside apron of steel will be allowed only in the splice area shown on the plans. The wall reinforcement on the inside of the box may be lapped and welded at any location or connected by welding at the corners to the slab reinforcement at the inside of the box.
- L. The exposure of spacers, standoffs or the ends of longitudinals used to position the reinforcement shall not be a cause for rejection. Spacers or standoffs shall not be welded to circumferential reinforcement. Spacers or standoffs may be welded to longitudinal reinforcement.
- M. Laying of precast concrete box culvert shall conform to the provisions for laying reinforced concrete pipe in Section 65-1.07, "Laying Pipe," of the Standard Specifications and these special provisions.
- N. Joints shall conform to the provisions for cement mortar or resilient material joints in Section 65-1.06, "Joints," of the Standard Specifications. An external sealing band conforming to the requirements in ASTM Designation: C 877 or C 877M may be used in lieu of the joint material in Section 65-1.06.